

IN THE CLAIMS

- 1 (Currently Amended). A method comprising:
operating first and second subsystems in a wireless device; and
altering an activity of the first subsystem based at least in part based on power consumption information from the second subsystem to avoid a transition on said second subsystem to an increased power consumption state.
- 2 (Original). The method of claim 1 wherein altering an activity on the first subsystem includes changing an activity on the first subsystem to avoid causing the second subsystem to transition between power consumption states.
- 3 (Original). The method of claim 1 wherein altering an activity on the first subsystem includes changing an activity on the first subsystem to synchronize the power consumption states between the first and second subsystems.
- 4 (Original). The method of claim 1 including providing state information from the second subsystem to the first subsystem.
- 5 (Original). The method of claim 4 wherein providing information includes providing information about the duration of a particular power consumption state.
- 6 (Original). The method of claim 4 wherein providing information includes providing information about the schedule of power consumption state changes.
- 7 (Original). The method of claim 1 including altering an activity of the first subsystem in order to reduce power consumption.
- 8 (Original). The method of claim 4 including providing the information automatically.

9 (Original). The method of claim 4 including providing the information in response to a request.

10 (Original). The method of claim 4 including providing the information when an event is detected.

11 (Currently Amended). An article comprising a medium storing instructions that enable a processor-based system to:

operate first and second subsystems in a wireless device; and

altering an activity on said ~~of the~~ first subsystem at least in part based on power consumption information from the second subsystem to avoid a transition on said second subsystem to an increased power consumption state.

12 (Original). The article of claim 11 further storing instructions that enable the processor-based system to change an activity on the first subsystem to avoid causing the second subsystem to transition between power consumption states.

13 (Original). The article of claim 11 further storing instructions that enable the processor-based system to change an activity on the first subsystem to synchronize the power consumption states between the first and second subsystems.

14 (Original). The article of claim 11 further storing instructions that enable the processor-based system to provide state information from the second subsystem to the first subsystem.

15 (Original). The article of claim 14 further storing instructions that enable the processor-based system to provide information about the duration of a particular power consumption state.

16 (Original). The article of claim 14 further storing instructions that enable the processor-based system to provide information about the schedule of power consumption state changes.

17 (Original). The article of claim 11 further storing instructions that enable the processor-based system to alter an activity on the first subsystem in order to reduce power consumption.

18 (Original). The article of claim 14 further storing instructions that enable the processor-based system to provide the information automatically.

19 (Original). The article of claim 14 further storing instructions that enable the processor-based system to provide the information in response to a request.

20 (Original). The article of claim 14 further storing instructions that enable the processor-based system to provide the information when an event is detected.

21 (Currently Amended). A wireless device comprising:
a first subsystem; and
a second subsystem to provide power consumption information to said first subsystem to enable said second subsystem to avoid a transition to an increased power consumption state.

22 (Original). The device of claim 21 wherein said device is a wireless telephone.

23 (Original). The device of claim 22 wherein said first subsystem is an application subsystem.

24 (Original). The device of claim 23 wherein said second subsystem is a communication subsystem.

25 (Original). The device of claim 24 wherein said communications subsystem includes a baseband processor.

26 (Original). The device of claim 25 wherein said application subsystem includes a general purpose processor.

27 (Original). The device of claim 21 wherein said first subsystem alters an activity of the first subsystem based at least in part on power consumption information from the second subsystem.

28 (Original). The device of claim 27 wherein the first subsystem changes an activity on the first subsystem to avoid causing the second subsystem to transition between power consumption states.

29 (Original). The device of claim 27 wherein the first subsystem changes an activity on the first subsystem to synchronize the power consumption states between the first and second subsystems.

30 (Original). The device of claim 21 wherein the second subsystem provides power consumption state information to the first subsystem.